

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)							Atty. Docket No. P23702	Serial No. 10/646,772					
							Applicant Hiroshi NOMURA						
							Filing Date August 25, 2003				Group 2872		
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
	2004 / 0	0 4 2	0 9 5	03/04/04	NOMURA								
	2004 / 0	0 4 2	0 9 3	03/04/04	NOMURA								
	2004 / 0	0 6 2	5 3 6	04/01/04	NOMURA								
	2004 / 0	0 5 1	9 6 8	03/18/04	NOMURA								
	2004 / 0	0 5 1	9 7 0	03/18/04	NOMURA								
	2004 / 0	0 6 2	5 3 7	04/01/04	NOMURA								
	2004 / 0	0 5 1	9 7 2	03/18/04	NOMURA								
	2004 / 0	0 4 2	0 9 1	03/04/04	NOMURA								
	2004 / 0	0 4 2	0 8 9	03/04/04	NOMURA								
	2004 / 0	0 5 1	9 7 1	03/18/04	NOMURA								
	2004 / 0	0 4 2	7 7 7	03/04/04	NOMURA								
	2004 / 0	0 4 2	7 7 8	03/04/04	NOMURA								
	2004 / 0	0 5 1	9 6 9	03/18/04	NOMURA								
	2004 / 0	0 5 1	9 6 7	03/18/04	NOMURA								
	2004 / 0	0 4 2	7 7 5	03/04/04	NOMURA								
	2004 / 0	0 4 2	0 9 6	03/04/04	NOMURA								
	2004 / 0	0 4 2	0 9 0	03/04/04	NOMURA								
	2004 / 0	0 4 2	7 7 6	03/04/04	NOMURA								
	2004 / 0	0 5 1	9 8 1	03/18/04	NOMURA								
	2004 / 0	0 4 2	0 9 2	03/04/04	NOMURA								
	6 3 6 6	3 2 3	04/02/02	SHONO									
	6 1 1 5	1 9 0	09/05/00	HIRAI									
	6 0 6 4	5 3 3	05/16/00	KENIN et al.									
	2003 / 0	0 8 1	3 2 5	05/01/03	NOMURA et al.								
	2001 / 0	0 2 4	5 7 3	09/27/01	NOMURA et al.								
	2002 / 0	1 3 5	9 0 0	09/26/02	NOMURA et al.								
	6 0 7 5	6 5 5	06/13/00	FUNAHASHI									
EXAMINER <i>[Signature]</i>							DATE CONSIDERED <i>9/17/04</i>						

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office						Atty. Docket No. P23702	Serial No. 10/646,772			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Hiroshi NOMURA										
		Filing Date August 25, 2003			Group 2872							
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	2002	/0	1 3 5	9 0 1	09/26/02	NOMURA et al.						
	2003	/0	0 8 1	3 2 7	05/01/03	NOMURA et al.						
	2002	/0	1 3 5	8 9 6	09/26/03	NOMURA et al.						
		6	0 5 5	1 1 6	04/25/00	NOMURA et al.						
		6	2 0 4	9 7 7	03/20/01	IWASA						
		5	4 3 0	5 1 6	07/04/95	UZIIE et al.						
	2003	/0	0 8 1	9 4 8	05/01/03	NOMURA et al.						
	2001	/0	0 1 9	4 5 8	09/06/01	NOMURA et al.						
		4	9 9 3	8 1 5	02/19/91	YAMAZAKI et al.						
		5	8 1 8	6 4 7	10/06/98	NISHIO et al.						
		5	7 3 1	9 1 3	03/24/98	IMANARI						
		5	7 3 9	9 6 2	04/14/98	ASAKURA et al.						
	2003	/0	1 5 6	8 3 2	08/21/03	NOMURA et al.						
		5	5 8 7	7 5 4	12/24/96	KATAYAMA et al.						
		6	0 5 2	5 3 5	04/18/00	UNO						
		5	2 2 3	8 7 3	06/29/93	TSUBOI						
		5	0 8 6	3 1 2	02/04/92	TANAKA et al.						
		5	4 9 9	1 4 3	03/12/96	SAKAMOTO et al.						
		6	0 6 9	7 4 5	05/30/00	FUJII et al.						
		6	3 2 4	0 1 9	11/27/01	TAKANASHI et al.						
		5	4 8 5	3 1 5	01/16/96	NOMURA et al.						
EXAMINER								DATE CONSIDERED				9/17/04
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office					Atty. Docket No. P23702	Serial No. 10/646,772		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Hiroshi NOMURA								
		Filing Date August 25, 2003			Group 2872					
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER			DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO
		58	-	1 0	7 0 8	01/21/83	JAPAN			
		2	3 4 4		6 6 1	06/14/00	UNITED KINGDOM			
		2	2 6 2		3 5 6	06/16/93	UNITED KINGDOM			
		2003	-	2 0 7	7 0 9	07/25/03	JAPAN			
		2	3 0 9		5 5 1	07/30/97	UNITED KINGDOM			
		2	3 4 4		6 6 2	06/14/00	UNITED KINGDOM			
		2	2 6 1		2 9 8	05/12/93	UNITED KINGDOM			
		2002	-	2 7 7	7 1 9	09/25/02	JAPAN			
		10	-	2 8 2	3 9 4	10/23/98	JAPAN			
		58	-	1 6 2	9 1 4	09/27/83	JAPAN			
		0	6 3 4		6 8 0	01/18/95	E.P.O.			
		10	-	3 2	7 4 0	02/03/98	JAPAN			X
		7	-	2 8 8	7 2 4	10/31/95	JAPAN			X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)										
		1	English Language Abstract of JP 58-10708.							
		2	English Language Abstract of JP 2003-207709.							
		3	English Language Abstract of JP 2002-277719.							
		4	English Language Abstract of JP 10-282394.							
		5	English Language Abstract of JP 58-162914.							
EXAMINER	<i>[Signature]</i>			DATE CONSIDERED		<i>9/17/04</i>				
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>										

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P23702	Serial No. 10/646,772
OPI INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary)		Applicant Hiroshi NOMURA	
		Filing Date August 25, 2003	Group 2872

FEB 20 2004

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	5	2	5	0	5	0	06/25/85	OHASHI			
	4	6	4	3	5	5	5	02/17/87	WAKABAYASHI			
	4	7	2	1	9	7	2	01/26/88	WAKABAYASHI			
	4	7	9	2	8	2	2	12/10/88	AKIYAMA et al.			
	5	8	1	8	6	4	7	10/06/98	NISHIO et al.			
	6	0	3	1	9	9	8	02/29/00	SHONO			
	4	4	5	1	1	2	9	05/29/84	IKARI et al.			
	4	6	4	3	5	5	4	02/17/87	OGAWA			
	4	7	7	1	3	0	3	09/13/88	MATSUMOYO et al.			
	4	8	8	7	1	0	7	12/12/89	NAKAMURA et al.			
	5	1	3	6	3	2	4	08/04/92	TSUBOI et al.			
	5	7	6	5	0	4	9	06/09/98	HASE et al.			
	5	8	3	2	3	2	6	11/03/98	TANAKA			
	6	3	6	6	3	2	3	04/02/02	SHONO et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	5	8	1	4	5	9	3	0	08/31/83	JAPAN		
	6	1	-	6	9	0	0	2	04/09/86	JAPAN		
	6	1	2	7	0	7	3	7	12/01/86	JAPAN		
	6	3	1	4	9	6	2	9	06/22/88	JAPAN		
	6	4	-	3	4	6	2	3	03/02/89	JAPAN		X
	6	-	1	8	7	7	7	01/28/94	JAPAN			X
	7	-	1	9	1	2	4	9	07/28/95	JAPAN		
	1	1	1	0	9	2	0	3	04/23/99	JAPAN		

JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	<i>9/17/04</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			